WHAT IS CLAIMED IS:

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- A wine fermentation device for fermenting wine, and skins, seeds and stems 1. 1 which form a cap, which comprises: 2
- a tank having cylindrical walls, an axis and a bottom; 3
- at least one drain at or near said tank bottom; and 4
- at least one impeller, each impeller having a plurality of blades to radially and 5 axially move said cap in said tank during fermentation and to blend said cap with liquid to 6 permit draining of said cap (or pomace) through said drain.
 - A wine fermentation device as set forth in Claim 1 including at least one 2. interior baffle extending from said cylindrical tank walls toward said axis.
 - A wine fermentation device as set forth in Claim 2 including three said interior 3. baffles.
 - A wine fermentation device as set forth in Claim 1 having two said impellers, 4. one near said bottom and one spaced axially therefrom.
- A wine fermentation device as set forth in Claim 1 wherein each said impeller 5. 1 has three blades. 2

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and a bottom;

fermenting said wine and said cap in a tank having cylindrical walls, an axis,

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- moving said wine and said cap radially and axially by periodically rotating an impeller having an axial shaft within said cylindrical tank; and
- assisting axial flow of said wine with at least one baffle extending from said cylindrical walls toward said axis.
 - 13. A process for wine cap management as set forth in Claim 12 which includes the additional steps of adding yeast and sugar to said fermenting wine or must to promote fermentation.
 - 14. A process of wine cap management as set forth in Claim 12 which includes the additional step of controlling the temperature of said wine in said tank through a temperature jacket on the walls of said cylindrical tank or on said at least one baffle.
 - 15. A process of wine cap management as set forth in Claim 12 wherein said impeller shaft is driven by a motor.
 - 16. A process of wine cap management as set forth in Claim 12 including two said impellers extending from said axial shaft.
 - 17. A wine pomace removal process for wine and skins, seeds and stems forming a cap fermented in a tank having cylindrical walls, an axis, and a bottom, which process comprises:

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- draining a majority of said wine from said tank;

 agitating and blending said cap with liquid within said tank to create a pomace

 slurry; and

 draining off said pomace slurry through a drain at or near said bottom of said

 tank.
- 1 18. A wine pomace removal process as set forth in Claim 17 wherein said drain 2 includes a valve.
 - 19. A wine pomace removal process as set forth in Claim 17 wherein said agitating and blending step is accomplished through an impeller having a plurality of blades which are rotated by an axial shaft driven by a motor.
 - 20. A wine pomace removal process as set forth in Claim 19 including two said impellers, one located near said tank bottom to agitate and blend said cap.
 - 21. A wine pomace removal process as set forth in Claim 17 wherein said bottom of said tank is sloped with respect to said axis of said tank.